

In the Claims:

Claims 1-22 (Canceled).

23. (Currently Amended) A method of cutting metal comprising:
providing a two part tip cutting torch;
positioning the cutting torch to cut metal;
preheating the metal;
fueling the torch with a combustible gas and oxygen from a liquid oxygen source,
wherein said combustible gas is delivered to said cutting torch at a rate between 35 and 80 cf at
~~least 15~~ psi; and
forming a cut in the metal.
24. (Canceled) A method of cutting metal according to claim 23, further comprises the step of
preheating a length of metal the length of the flame.
25. (Canceled) A method of cutting metal according to claim 23, further comprises the step of
increasing oxygen flowing to the cutting torch to between 150 and 220 psi.
26. (Canceled) A method of cutting metal according to claim 25, further comprises the step of
ensuring the liquid oxygen does not freeze a line.
27. (Currently Amended) A metal cutting apparatus comprising:
combustible gas selected from a group consisting of: propane, chemtane,
propylene, MAPP, and natural gas;
a two part tip cutting torch;
a regulator;
lines;
a heater; and

liquid oxygen, wherein the liquid oxygen is passed through said heater so that the cutting torch uses oxygen gas of at least 150 psi and the lines do not freeze.

28. (Currently Amended) A method for cutting metal comprising:
positioning a two part tip cutting torch relative to a surface;
preheating a local area;
providing a combustible gas, wherein said combustible gas is selected from a group consisting of: propane, chemtane, propylene, MAPP, and natural gas;
employing pressure of oxygen to of at least 150 psi;
removing molten metal at an angle of reflection; and
moving the cutting torch relative to ~~the~~ a ~~of~~ cut.
29. (Original) A method for cutting metal according to claim 28, further comprising the step of preventing freezing of a hose.
30. (Previously Presented) A method for cutting metal according to claim 29, further comprising the step of cutting part of the metal at a rate of at least 15 inches per minute.
31. (Previously Presented) A method for cutting metal according to claim 29, further comprising the step of cutting part of the metal at a rate of at least 5 feet per minute.
32. (Cancelled) A method for cutting metal according to claim 28, further comprising the step of providing propylene as the combustible gas.
33. (Cancelled) A method for cutting metal according to claim 28, further comprising the step of providing propane as the combustible gas.
34. (Original) A method for cutting metal according to claim 28, further comprising the step of adjusting the position of the torch to maintain the cut.

35. (Cancel) A method for cutting metal according to claim 23, wherein said combustible gas is delivered to said cutting torch at a rate between 15 and 80 psi.
36. (Previously Presented) A method for cutting metal according to claim 28 wherein said combustible gas is delivered to said cutting torch at a rate between 35 and 80 psi.
37. (Previously Presented) The method of claim 23, wherein said metal is steel.
38. (Previously Presented) The method of claim 23, wherein said combustible gas is selected from a group consisting of: propane, chemtane, propylene, MAPP, and natural gas.
39. (Cancel) The method of claim 23, wherein said rate of said combustible gas delivered to said cutting torch is between 15 and 80 psi.
40. (Currently Amended) The apparatus of claim 27, wherein said combustible gas is delivered to said cutting torch at a rate of about ~~15~~ 35 to about 80 psi.
41. (Previously Presented) The apparatus of claim 27, wherein said metal is steel.
42. (Previously Presented) The method of claim 28, wherein said metal is steel.